Derivation of  $(A \wedge B)^f$ ,  $A^p$ ,  $(A \vee B)^t$ :

$$\frac{\underset{A^f,\,A^p,\,B^f,\,(A\vee B)^t}{A^f,A^p,\,B^f,\,(A\vee B)^t}}{(A\wedge B)^f,\,A^p,\,(A\vee B)^t}$$

Derivation of  $(A \wedge B)^f$ ,  $A^p$ ,  $(A \vee B)^t$ :

 $\frac{3}{2}$ 

Table of sequents:

1: 
$$(A \wedge B)^f, A^p, (A \vee B)^t$$
  
2:  $A^f, A^p, B^f, (A \vee B)^t$   
3:  $A^f, A^p, A^t, B^f, B^t$ 

2: 
$$A^f, A^p, B^f, (A \vee B)^t$$

3: 
$$A^f, A^p, A^t, B^f, B^t$$